

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 5 AND WOLF RD./OAKS RD., IN ST. MARY'S COUNTY. MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX PHASE, FULL-TRAFFIC-ACTUATED MODE. WITH MD 5 THROUGH MOVEMENTS OPERATING CONCURRENTLY AND THE MT. WOLF RD./OAKS RD. APPROACHS OPERATING SEPERATELY. EXCLUSIVE LEFT TURN PHASES FOR N.B. AND S.B. MD 5 EXIST.

THE MODIFICATION WILL CONSIST OF INSTALLING NEW MICRO-LOOP PROBE SETS S.B. MD 5.

CONTROLLER REQUIREMENTS

A FULL-TRAFFIC-ACTUATED, EIGHT-PHASE CONTROLLER EXISTS AND EXISTING OPERATION WILL NOT CHANGE.

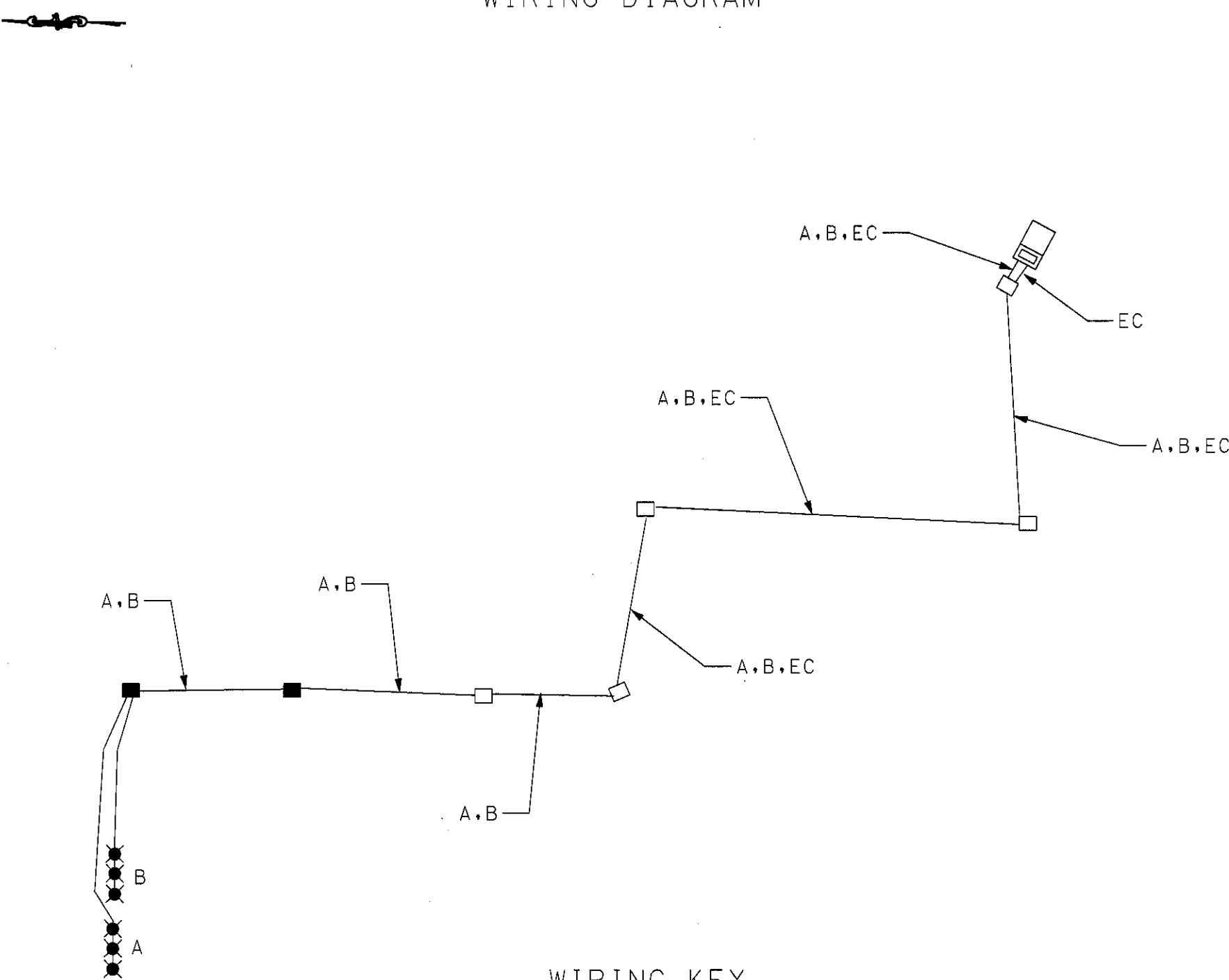
PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR  
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8028	2 EA	FURNISH AND INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
8048	LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
8068	20 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT - DETECTOR WIRE SLEEVE
8072	2 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8091	305 LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED

WIRING DIAGRAM



WIRING KEY  
A-B MICRO-LOOP PROBE  
ML MICRO-LOOP PROBE  
EC EXISTING CABLE

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MR. JOHN MAYS ASSISTANT DISTRICT ENGINEER - UTILITIES (410) 841-1002	MR. CHARLES GEORGE ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 841-1002
MR. LARRY ELLIOTT ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 841-1003	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. DAVID SCHWARTZ SUPPLY OFFICE IV (SIGNAL SHOP WAREHOUSE) (410) 787-7668
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS (410) 787-7652

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

**TRAFFIC CONCEPTS, INC.**

325 Gambrells Road  
Suite E  
Gambrells, MD 21054  
(410) 923-7101



**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
GENERAL INFORMATION  
MD 5 AND MT. WOLF RD./OAKS RD.

DRAWN BY: M.HOWELL	F.A.P. NO.	TS NO.	SHEET NO. 2 OF 2
CHECKED BY: J.ZAYDEL	S.H.A. NO.	T.I.M.S. NO.	
SCALE: 1" = 20'	COUNTY: ST. MARY'S	LOG MILE:	
DATE: 5-10-2			